



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Yumman CHAN, et al. Confirmation No.: 8990  
Application Number : 10/033,746  
Filed : December 19, 2001  
Title : METHOD AND APPARATUS FOR EDITING A PRODUCTION DATA  
STORE BY SHADOWING CONTENT  
Assignee : International Business Machines Corporation  
TC/Art Unit : 2171  
Examiner: Isaac M. WOO  
Docket No. : CA920010082US1 (0006.0016)  
Customer No. : 61539 (New)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**CERTIFICATE UNDER 37 C.F.R. §3.73(b)**

INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation organized and existing under the laws of the State of New York, having a place of business at New Orchard Road, Armonk, New York 10504, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of:

An assignment from the inventors, Yumman Chan, David B. Flaxer, Miu-To Brenda Lam and Wan Ngai W. Lee, to the International Business Machines Corporation, of the patent application identified above. The assignment was recorded in the U.S. Patent and Trademark office April 1, 2002, at Reel/Frame 012783/0351 (**copy attached**).

INTERNATIONAL BUSINESS MACHINES CORPORATION owns 100% interest in the above-identified patent application.

The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, as the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Dated: 8-30-06

By: Lynne D. Anderson  
Lynne D. Anderson, Reg. No. 46,412  
Sr. Program Manager, USPTO Liaison  
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### LETTER OF AUTHORITY

I, Patrick Toole, Vice President, Intellectual Property and Standards of International Business Machines Corporation (IBM), a New York corporation, do hereby delegate the authority to approve and execute documents on behalf of IBM relating to proceedings in the Patent, Trademark Registration or Copyright offices servicing any country or region of the world, or to related appeal proceedings, including, but not limited to: petitions; powers of Attorney, authorizations; verification; nominations of representatives; declarations; documents relating to maintenance and defense of the resulting industrial property rights; assignments of rights to apply for and acquire patents and trademark registrations; and evidence of such assignments; requests for the registration of patents as available for licensing, reports of inventions and petitions for waiver of patent rights to any department or agency of the United States Government; and, assignments, licenses and other instruments confirmatory of Government rights in patents and inventions, to Lynne D. Anderson, program manager, U.S. Patent and Trademark Office liaison.

Date: March 30, 2006

Patrick Toole  
Vice President, Intellectual Property & Standards  
International Business Machines Corporation